

METHOD AND APPARATUS FOR ROTARY MACHINE VIBRATION CONTROL

Abstract

A vibration control system for a rotary machine having a rotor, includes a sensor disposed within the rotary machine for sensing vibration of the rotor, a vibration damping device disposed within the rotary machine for imparting a reaction force to the rotor, and a controller arranged in operable communication with the sensor and the vibration damping device. The controller is adapted to receive a sensor signal from the sensor and to send a control signal to the vibration damping device for damping the vibration of the rotor.

Figures